

**AMENDMENT TRANSMITTAL LETTER (Large Entity)**

Applicant(s): Reid, et al.

Docket #

Army 10

Group Art Unit

4617

Serial No.

09/451,321

Filing Date

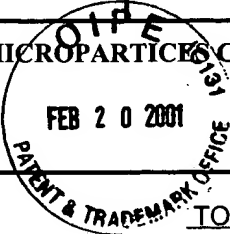
November 30, 1999

Examiner

Criares

Invention: MICROPARTICLES CARRIERS OF MAXIMAL UPTAKE CAPACITY BY BOTH M CELLS AND NON M CELLS

FEB 20 2001



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

## CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	24 -	24 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	7 -	7 =	0 x	\$80.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 21-0380  
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Signature

Dated: February 12, 2001

Caroline Nash, Reg. No. 36,329  
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I certify that this document and fee is being deposited on February 12, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Caroline Nash

Typed or Printed Name of Person Mailing Correspondence

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: PATENT APPLICATION of  
Inventor(s) REID, et al.

Appln. No.: 09/451,321

Filed: November 30, 1999



Group Art Unit: 1617

Examiner: Craires

Title: MICROPARTICLES CARRIERS OF MAXIMAL UPTAKE CAPACITY BY  
BOTH M CELLS AND NON-M CELLS

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*2/28/01*

AMENDMENT

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Responsive to the Office Action dated November 30, 2000, please enter the  
following amendment and consider the following remarks.

IN THE CLAIMS:

*a1 sub B*  
16. (Amended) Microspheres [containing an agent wherein said microspheres are]  
prepared by the process of claim 13.

REMARKS

Applicants acknowledge that claims 1-15 have been allowed. Claim 16 has been  
amended to address the Examiner's comments on page 2 of the Office Action.

Claims 17-24 have been rejected under 35 U.S.C. §103(a) as allegedly  
unpatentable over Tice et al. (4,389,330). Applicants respectfully traverse this rejection.

The invention of claims 17-24 is directed to microspheres having an average  
particle size distribution that maximizes uptake of the microspheres by both M cells and  
non-M cells, either in the villous epithelium or in the Peyer's patches follicle associated  
epithelium so that upon encapsulating antigens or other chemotherapeutic agents within  
these microspheres, large doses of antigen will not be required to achieve sufficient local